

56920 to 57012—Continued.

56977 to 56980. "No. 217. A Black Rock seedling. The stems are long and slender, attaining a length of 8 to 10 feet or more. The original seedling yielded 24 tubers weighing an aggregate of 3 pounds. The tubers have creamy yellow skin and yellow flesh."

56977. (No. 1.) 56979. (No. 3.)

56978. (No. 2.) 56980. (No. 4.)

56981 and 56982. "No. 223. A Key West 'yam' seedling. Tubers dark red. The original seedling plant yielded 12 tubers weighing 1 pound 13 ounces."

56981. (No. 1.) 56982. (No. 2.)

56983 to 56985. "No. 226. A Key West 'yam' seedling grown at the Virgin Islands Experiment Station in 1922. The original seedling plant had yellow roots but no tubers."

56983. (No. 1.) 56985. (No. 3.)

56984. (No. 2.)

56986 to 56988. "No. 235. A Black Rock seedling. Original seedling plant had dark-red roots but no tubers."

56986. (No. 1.) 56988. (No. 3.)

56987. (No. 2.)

56989 and 56990. "No. 240. A Black Rock seedling. The original seedling plant yielded 26 smooth coppery red tubers with a total weight of 5½ pounds."

For introduction of tubers under this number, see S. P. I. No. 56742.

56989. (No. 1.) 56990. (No. 2.)

56991 to 56993. "No. 247. A Black Rock seedling. The original seedling plant bore six white tubers weighing 1 pound 2 ounces."

56991. (No. 1.) 56993. (No. 3.)

56992. (No. 2.)

56994. "No. 251. A Black Rock seedling. The original seedling plant produced 14 yellow tubers weighing 1 pound 11 ounces."

For introduction of tubers under this number, see S. P. I. No. 56743.

56995. "No. 306. A Black Rock seedling. This is a volunteer seedling which sprang up in the Black Rock plot after the latter was harvested."

56996 and 56997. "Big Wig variety. It is not known whence this variety came. It was obtained by the station from Estate Strawberry Hill in 1920 or 1921 and has since been grown continuously at the station. It is of bunching vineless growth and bears many dark-green deeply cut 5-lobed leaves. The original form as obtained by the station has red tubers. The seed collected has all been from the ordinary red Big Wig."

56996. (No. 1.) 56997. (No. 2.)

56998 to 57000. "Black Rock variety. This was introduced from Barbados by Dr. Longfield Smith, of this station, in 1911 and is undoubtedly the most popular variety grown in St. Croix. The vines are vigorous, bearing dark-green, cordate leaves. The tubers, which are long and often ill shaped, are dark purplish red and attain large size under favorable conditions. The variety has the reputation of keeping longer in storage than other varieties."

56998. (No. 1.) 57000. (No. 3.)

56999. (No. 2.)

56920 to 57012—Continued.

57001 and 57002. "Hug-me-tight variety. A few tubers of this variety were purchased on the St. Thomas market in May, 1922, under the above name. The tubers were said to have been grown on the island of Tortola, a British island some miles off the east coast of St. Thomas. The tubers are white."

57001. (No. 1.) 57002. (No. 2.)

57003 and 57004. "John Siddon variety. A few tubers of this variety were obtained at the same time and came from the same source as those of Hug-me-tight [S. P. I. Nos. 57001 and 57002]. The tubers are light red."

57003. (No. 1.) 57004. (No. 2.)

57005 to 57010. "Key West 'yam.' This variety was obtained from the Federal Experiment Station at Mayaguez, Porto Rico, and planted at the Virgin Islands Experiment Station some two or three years ago. After growing this variety in a number of comparative tests, in which a large number of local varieties were represented, the Porto Rico Experiment Station pronounced this the best variety tested under the conditions at Mayaguez. It has shown considerable merit in St. Croix, but has not fully established its superiority over the Black Rock and Big Wig varieties. The vines are medium in length, and the leaves are of a very noticeably yellow-green. The tubers are yellow."

57005. (No. 1.) 57008. (No. 4.)

57006. (No. 2.) 57009. (No. 5.)

57007. (No. 3.) 57010. (No. 6.)

57011 and 57012. "Wrenchy variety. This is an old local variety the history of which is not known. The vines are long and slender and the tubers are white. This variety is said to yield comparatively well on hard or poorly plowed land."

57011. (No. 1.) 57012. (No. 2.)

57013 to 57034. HORDEUM spp. Poaceæ. Barley.

From Cambridge, England. Seeds presented by Prof. F. L. Engledon, School of Agriculture, Cambridge, through Dr. H. V. Harlan, United States Department of Agriculture. Received April 24, 1923.

A collection of local barley strains introduced for department cerealists.

57013 and 57014. HORDEUM DEFICIENS Steud.

57013. No. 1. 57014. No. 6.

57015. HORDEUM DISTICHON NIGRICANS Seringe. Two-rowed barley. No. 13.

57016. HORDEUM DISTICHON NUDUM L. Two-rowed barley. No. 8.

57017 to 57022. HORDEUM DISTICHON PALMELLA Harlan. Two-rowed barley.

57017. No. 4. 57020. No. 14.

57018. No. 9. 57021. No. 16.

57019. No. 10. 57022. No. 19.

57023. HORDEUM INTERMEDIUM HAXTONI Koern. No. 7.